CONTENTS OF ANIMAL FEED SCIENCE AND TECHNOLOGY, VOLUME 25

VOL. 25 NOS. 1-2

AUGUST 1989

Discrimination power of the nylon bag technique and the pepsin-cellulase method to	
detect less commonly used components included in concentrates for dairy cows	
L. Istasse, F. Rollin, N. Kameni Djiele, C. van Eenaeme, J.M. Bienfait (Brussels,	
Belgium) and L. Biston (Libramont, Belgium)	1
Utilization of sugar beet molasses and monensin for finishing dairy bullocks	
J.E. Garret (St. Paul, MN, U.S.A.), F. Guessous and A. Eddebbarh (Rabat, Morocco)	11
Inoculation of corn silage and high-moisture corn with lactic acid bacteria and its effects	
on the subsequent fermentations and on feedlot performance of beef steers	
D.M. Schaefer, P.G. Brotz, S.C. Arp and D.K. Cook (Madison, WI, U.S.A.)	23
The effect of a protein energy supplement on pasture protein and fibre digestion in the	
rumen of grazing steers	
G.M. Napoli (La Plata, Argentina) and F.J. Santini (Balcarce, Argentina)	39
Effect of formaldehyde treatment on the rumen digestion of barley and wheat grain and	00
its influence on hay intake and digestion by sheep	
J.J. Hyslop, J. Weir, N.W. Offer, S.J. Reid and J.M. Wilcock (Ayr, Gt. Britain)	55
By-products from the canning industry as feedstuff for ruminants: digestibility and its	00
prediction from chemical composition and laboratory bioassays	
J. Gasa, C. Castrillo, M.D. Baucells and J.A. Guada (Zaragoza, Spain)	67
Nutritional value for rabbits of olive pulp and the effects on their visceral organs	0.
F. Tortuero, J. Rioperez and M. L. Rodriguez (Madrid, Spain)	79
Rumen ingesta kinetics of cell wall components in dairy cows	10
S. Tamminga, M. Vogt, H. Boer (Wageningen, The Netherlands) and P.H. Robinson,	
(Lelystad, The Netherlands)	89
Intake, digestion and daily gain by cattle consuming bermudagrass (Cynodon dactylon)	00
and supplemented with different combinations of ground corn, vegetable oil, urea, and	
corn gluten and blood meals	
A.C. Hardin, A.L. Goetsch, K.M. Landis, G.E. Murphy, Z.B. Johnson and K.L. Hall	
(Fayetteville, AR, U.S.A.)	99
Evaluation of various methods for protecting soya-bean protein from degradation by	00
rumen bacteria	
D.M. Waltz and M.D. Stern, (St. Paul, MN, U.S.A.)	111
Nutritional value of pigeonpea (Cajanus cajan) meal in poultry diets	111
S. Tangtaweewipat (Chiang Mai, Thailand) and R. Elliott (St. Lucia, Qld., Australia)	193
Canavanine content and toxicity of sesbania leaf meal for growing chicks	120
A.A. Shqueir (Bethlehem, Israel), D.L. Brown and K.C. Klasing (Davis, CA, U.S.A.)	137
Ensiling characteristics of cattle waste fermented with wheat straw and green berseem	101
(Trifolium alexandrinum)	
D.N. Kamra, D. Lall, N. Kewalramani and N.N. Pathak (Izatnagar, India)	140
Effects of urea treatment on chemical composition and in vitro digestibility of meadow	143
have of northern Portugal	
A. Mascarenhas-Ferreira, C.V.M. Guedes and A.A. Dias-da-Silva. (Vila Real,	
	157
Portugal)	197
preparations K. Westlake, M.F. Dutton (Natal, South Africa) and R.I. Mackie (Irene, South	
Africa)	160
AITICA I	. 103

Digestion rates in and outflow rates from the rumen of sheep fed untreated or calcium hydroxide-treated straw	
A. Djajanegara and P.T. Doyle (Parkville, Vic., Australia)	179
The effect of β -glucanese supplementation on nutrient digestibility and growth in broilers given diets containing barley, oat groats or wheat	
M.J. Edney, G.L. Campbell, H.L. Classen (Saskatoon, Sask., Canada)	193
The effect of kernels of karanja (<i>Pongamia glabra</i> Vent) on growth and feed efficiency in broiler chicks to 4 weeks of age	
R. Natanam, R. Kadirval and R. Balagopal (Madras, India)	201
Short Communication	
Water-drinking frequency and quality of water drunk by steers fed hay or fresh forage	
J. Sekine, Z. Morita, R. Oura and Y. Asahida (Sapporo, Japan)	207
Author Index	213

